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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Michele CARGILL, et al.

Art Unit: 1645

Serial No.: 10/803,180

Examiner: TBA

Filed: March 18, 2004

Atty. Docket: CL001511

For: GENETIC POLYMORPHISMS ASSOCIATED
WITH RHEUMATOID ARTHRITIS, METHODS OF
DETECTION AND USES THEREOF

**Statement Regarding Duty to Disclose Information Material To Patentability Under
37 CFR 1.56 (a) and (b)**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants hereby notify the US Patent and Trademark Office of the documents listed on the attached PTO Form SB/08A, which may be deemed relevant to the patentability of the claims of the above application. One copy of each of the listed documents is submitted herewith. The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application.

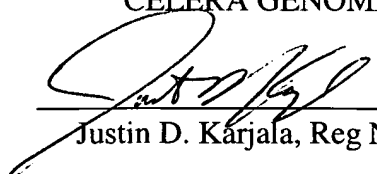
No fee is due for this submission. However, the Patent and Trademark Office is authorized to charge any necessary fees related to the processing of this application to Deposit Account No. 50-0970.

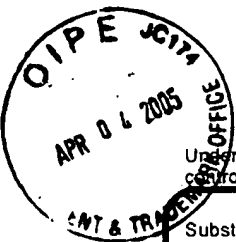
Respectfully submitted,

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Date: April 04, 2005

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/803,180
Filing Date	March 18, 2004
First Named Inventor	CARGILL, Michele, et al.
Group Art Unit	1645
Examiner Name	TBA
Attorney Docket Number	CL001511

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		DataBase EMBL "Online ! 9 June 1995 (1995-06-09), "Homo sapiens (clones HGPCD2 and HGPCD15) pterin-4a-carbinolamine dehydrates (PCBD) gene, complete cds." XP002310444 retrieved from EBI accession no. EM_HUM: L41560; Database accession no. L41560	
		THONY BEAT et al.; "Characterization of the Human PCBD Gene Encoding the Bifunctional Protein Pterin-4-Alpha-Carbinolamine Dehydratase/Dimerization of cofactor for the Transcription Factor HNF-1-Alpha" Biochemical and Biophysical Research Communications, vol. 210, no. 3, 1995, pages 966-973, ISSN: 0006-291X	
		DataBase EMBL "Online!; 9 April 2000 (2000-04-09), "Homo sapiens chromosome 10 clone RP11-29P24 map 10, Working Draft Sequence, 17 unordered pieces." XP002310248 retrieved from EBI accession no. EM_HTG: AC023639	
		DataBase EMBL "Online!; 8 June 2000 (2000-06-08), "Homo sapiens chromosome 10 clone RP11-205C5, complete sequence." XP002310249 retrieved from EBI accession no. EM_HUM: AC069538	
		DataBase EMBL "Online!; 6 September 2001(2001-09-06), "603189135F1 NIH_MGC_95 Homo sapiens cDNA clone IMAGE: 5260425 5", mRNA sequence." XP002310466 retrieved from EBI accession no. EM_EST: BI548743; Database accession no. BI548743	
		WO 01/11084 A (KIMBERLY ROBERT P; UAB Research Foundation (US); GIBSON ANDREW (US) 15 February 2001 (2001-02-15) page 8, line 5- page 14, line 17 claims 7,8	
		WO 02/074989 A (GOUGH STEPHEN; TODD JOHN (GB); UEDA HIRONORI (GB); CATALYST BIOMEDICA 26 September 2002 (2002-09-26) page 42, line 22- page 45, line 5; claims 1-4	
		MORGAN ANN W et al.; "Fcgamma Receptor Type IIIA is Associated with Rheumatoid Arthritis in Two Distinct Ethnic Groups" Arthritis and Rheumatism, vol.43, no. 10, October 2000 (2000-10), pages 2328-2334, XP002288078; ISSN: 0004-3591	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Control number: Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> Sheet <u>2</u> of <u>2</u>		Complete if Known Application Number <u>10/803,180</u> Filing Date <u>March 10, 2004</u> First Named Inventor <u>CARGILL, Michele, et al.</u> Group Art Unit <u>1645</u> Examiner Name <u>TBA</u> Attorney Docket Number <u>CL001511</u>	
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		WALDRON-LYNCH F et al.; "Tumor Necrosis Factor 5' Promoter Single Nucleotide Polymorphisms influence Susceptibility to Rheumatoid Arthritis (RA) in Immunogenetically defined multiplex RA Families; Genes and Immunity; Apr 2001, vol. 2, no. 2, April 2001 (2001-04), pages 82-87, XP009032935; ISSN: 14664879	
		YAMADA R et al.; "Association between a single-nucleotide polymorphisms in the promoter of the human interleukin-3 gene and rheumatoid arthritis in Japanese patients and maximum-likelihood estimation of Effect that two genetic loci have susceptibility to the disease"; American Journal of Human Genetics, American Society of Human Genetics, Chicago, IL, US, vol. 68, no. 3, 2001, pages 674-685, XP002972306; ISSN: 0002-9297	
		THONY B, et al.; "Hyperphenylalaninemia with High Levels of 7-Biopterin is associated with Mutations in the PCBD Gene Encoding the Bifunctional Protein Pterin-4A-Carbinolamine Dehydratase and Transcriptional Coactivator (DCOH)."; American Journal of Human Genetics; Jun 1998, vol. 62, No. 6, June 1998 (1998-06), pages 1302-1311, XP002310443; ISSN: 0002-9297	
		Copy of International Search Report and Written Opinion dated March 02, 2005	

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